

**Flood Control Project Maintenance
Levee Inspections**

Fall 2008 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including Boat Survey Erosion

Sacramento River Basin

NA0012	Overall LMA Rating	Total LMA Miles				
Solano County Public Works (Mellin Levee)	U	0.59				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.59		0.59	100.00%		
Encroachments	0.02		0.02	3.39%	0.77	
Slope Stability	0.01		0.01	1.70%		
Crown Surface / Depressions / Rutting	0.31		0.31	52.54%		
LMA Totals:	0.93	0.00	0.93	157.63%	0.77	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2008 Levee Inspection Results

Solano County Public Works (Mellin Levee)

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Solano County Public Works (Mellin Levee)

Waterway			Bank	Unit Miles
Unit No. 01 Mellin Levee			Right	0.59

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection	3/19/2008		9/22/2008	
DWR Inspector	Richard Willoughby		Richard Willoughby	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

Check one:

☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.

☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to : DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Solano County Public Works (Mellin Levee)

Waterway						Bank	Unit Miles	Inspection Date		Inspector	
Unit No. 01 Mellin Levee						Right	0.59	09/22/2008		Richard Willoughby	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.00	0.59	Earthen Levee	Encroachments	WS	PO	Fences	38.174167 ° -121.674312 °	38.178960 ° -121.680600 °		3
2	0.00	0.59	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.178765 ° -121.680282 °	38.178765 ° -121.680282 °		9
3	0.01	0.28	Earthen Levee	Crown Surface / Depressions / Rutting	LS	M	Keep the crown roadway free of vegetation.	38.176330 ° -121.677138 °	38.174134 ° -121.674350 °		10
4	0.10	0.28	Earthen Levee	Encroachments	LS	PO	Fences	38.175115 ° -121.675463 °	38.176805 ° -121.677893 °		4
5	0.27	0.27	Earthen Levee	Encroachments	LS	M	Garbage	38.176803 ° -121.677892 °	38.176803 ° -121.677892 °		5
6	0.28	0.32	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	38.178960 ° -121.680600 °	38.179452 ° -121.681182 °		8
7	0.30	0.30	Earthen Levee	Slope Stability	LS	M	Repair slope instability. Inspector Comments: Slope damage is due to run-off onto uncompacted soil.	38.177107 ° -121.678162 °	38.177107 ° -121.678162 °	Y	6
8	0.48	0.48	Earthen Levee	Encroachments	WS	M	Tree or limb	38.178960 ° -121.680600 °	38.178960 ° -121.680600 °		7

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2008

Solano County Public Works (Mellin Levee)

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 Mellin Levee	Right	0.59	09/22/2008	Richard Willoughby

Levee Mile Report Line	7
Start Levee Mile	0.30
End Levee Mile	0.30
Location	
Category	Earthen Levee
Item	Slope Stability
Erosion on landward slope at LM ??	

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